

# Converting Colors

Hex(D0B6E1)

Have a look what the booklet for  
Hex(D0B6E1) contains.

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# **Color**

**Hex(D0B6E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0B6E1
RGB	208, 182, 225
RGB Percent	82%, 71%, 88%
CMY	0.1843, 0.2863, 0.1176
CMYK	0.08, 0.19, 0.00, 0.12
HSL	276°, 42%, 80%
HSV	276°, 19%, 88%
XYZ	56.3310, 52.3020, 78.3605
YIQ	194.6760, 1.6930, 18.8850

# Conversions

## Conversions Part 2

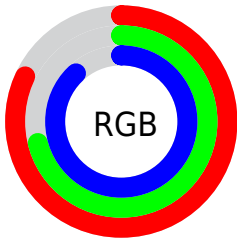
Format	Color
R <sub>Y</sub> B	208, 182, 225
Decimal	13678305
CIE Lab	77.46, 17.14, -18.09
CIE LCh	77, 24.921, 313.458
Yxy	52.3020, 0.3012, 0.2797
Android (android.graphics.Color)	4291868385 (0xFFD0B6E1)
YUV	194.6760, 14.9497, 11.6851
Hunter-Lab	72.3201, 12.4754, -13.6179

# Details

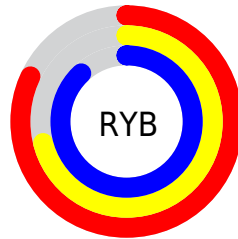
The Hex color **D0B6E1** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **C7E1B6**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **FFEEFF**, and **9981AA** is the 20% darker color. If you saturate the color by 10%, you get **C7A0E1**, and if you desaturate by 10%, it is **D9CDE1**.

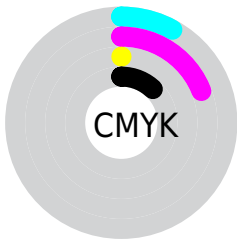
# Distribution



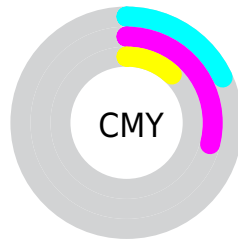
- Red (82%)
- Green (71%)
- Blue (88%)



- Red (82%)
- Yellow (71%)
- Blue (88%)



- Cyan (8%)
- Magenta (19%)
- Yellow (0%)
- Black (12%)



- Cyan (18%)
- Magenta (29%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0B6E1 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color D0B6E1 by changing the saturation by 10% instead.



 D0B6E1

 D0B6E1

FFFFFF

 B49BC5

 FFE0FF

 9981AA

 7F688F

 665075

 4D385D

 362345

 200E2F

 00001A

 000000

 D0B6E1

 D0B6E1

 C7A0E1

 D9CDE1

 BE89E1

 E2E3E1

 B573E1

 EBFAE1

 AC5CE1

 F4FFE1

 A446E1

 FCFFE1

 9B2FE1

 FFFFE1

 9218E1

 8902E1

 8800E1

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B2BEEC



D0B6E1



E6B0CD

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



D0B6E1



DCBA94



80CDC9

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



D0B6E1



C7E1B6

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92CCB1



D0B6E1



C6C192

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



D0B6E1



EBB3A1



ACC89D



80CADE

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D0B6E1



EDAFBD



ACC89D



85CDC1



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



D0B6E1



F9F0FF



B6C7E1



7C7780



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



D0B6E1



E8C4FF



E1B6DD



6C6570



6A00B0



1D0030



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E1B6C7



FFC4DC



B6E1BA



706569



B00046



300013



# Previews

## White Background



This preview shows how the Hex color D0B6E1 looks on a white background.

## Color Contrast Check

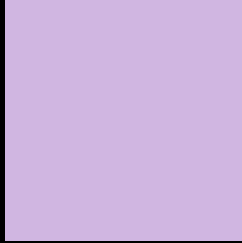
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color D0B6E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

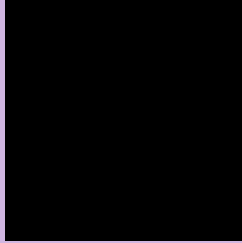
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex D0B6E1 Background



This preview shows how black text looks on a background with the Hex color D0B6E1.



This preview shows how white text looks on a background with the Hex color D0B6E1.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



**Original Color**  
D0B6E1

**Protanomaly**  
C0BBE4

**Deuteranomaly**  
C7B9E0

**Tritanomaly**  
CDB9D2

# Monochromacy



**Original Color**  
D0B6E1

**Achromatopsia**  
C3C3C3

**Achromatomaly**  
C8BECE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0B6E1 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #D0B6E1 looks like.

```
.text, #text, p{  
    color:#D0B6E1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #D0B6E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0B6E1
}
```

## Border

The CSS property to change the border of an element to Hex D0B6E1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D0B6E1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#D0B6E1 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #D0B6E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0B6E1; -webkit-box-shadow:4px 4px  
4px 4px #D0B6E1; box-shadow:4px 4px 4px  
4px #D0B6E1 }
```

# Background

The CSS property to change the background color of an element to Hex D0B6E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0B6E1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#D0B6E1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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